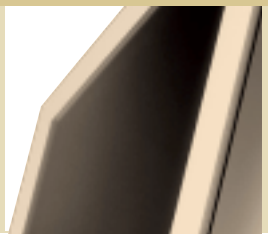
Operating Instructions.



- Cantus 3870 Z
- Cantus 3872 Z(P)
- Contur 1663 Z
- Contur 1670 Z
- Profil 3563 Z
- Profil 3570 Z
- Profil 3572 Z(P)

TV.

233–29373.020 · Printed in Germany

Television HomeMultiMedia DVD/Video Audio Telekommunikation

LOEWE.

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Remote control – TV functions

Indicator: Operate VCR

Indicator: operate DVD

Direct operation select for VCR/DVD/TV

* PIP operation on/off

Video operation with video operating line on/off

Radio mode on/off

Picture menu

Switch on/off – in standby mode

Sound off/on (Mute)

EPG operation on/off

Select programme directly /in the menu: numeric input

Call up menu /in the menu: back

Teletext mode on/off

Blend in programme, time, title of the broadcast /in the menu: blend out menu

Call up main information /in the menu: switch info texts on/off

Select programme up/down /in the menu: select up/down

Call programme overview /in the menu: confirm

Set volume – / + /in the menu: select or adjust left/right

Personal teletext pages on/off

Set picture format on/off

Programme info on/off

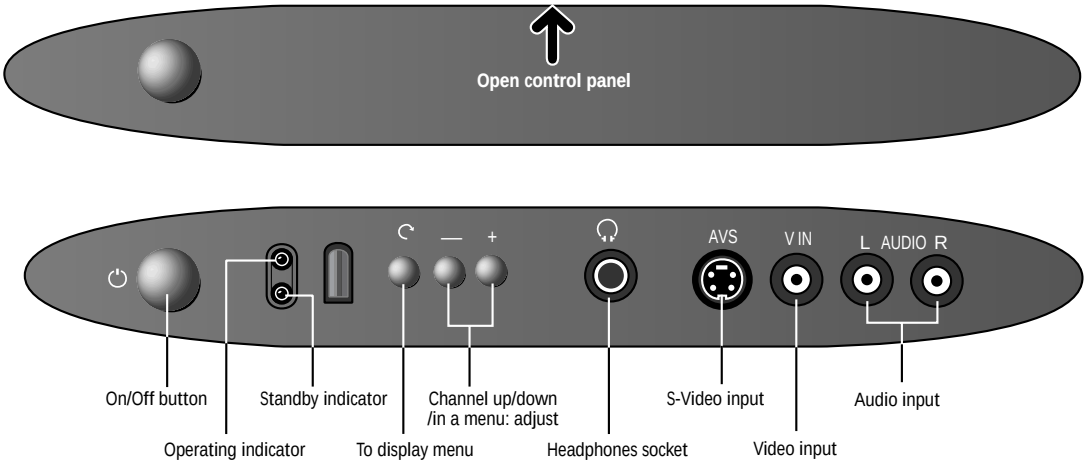
Last programme

You can assign other functions to these keys for TV operation. Assign these functions in the TV menu under – Settings – Function Keys.

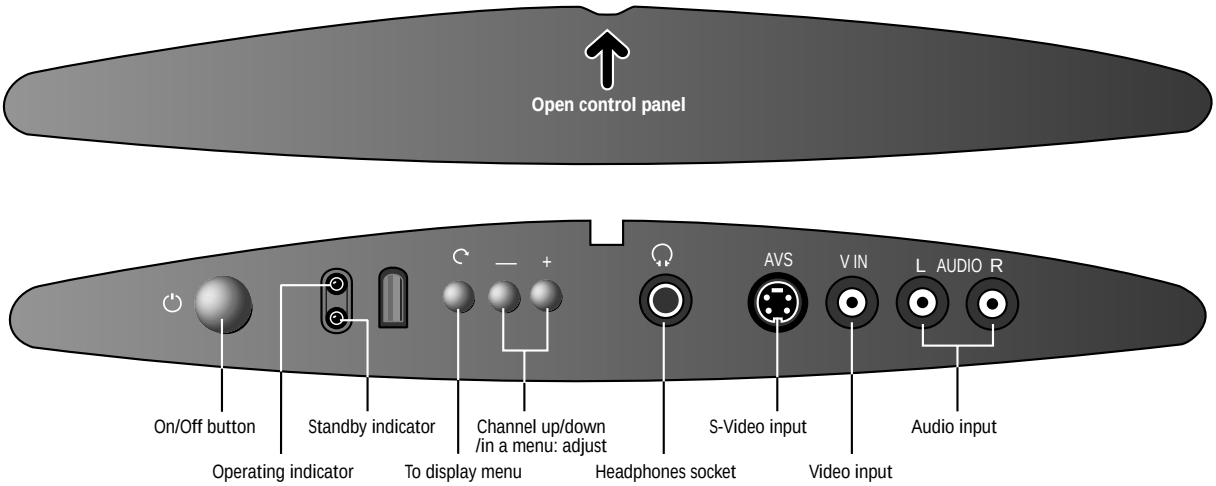
* only in sets with Picture In Picture function

Control panels

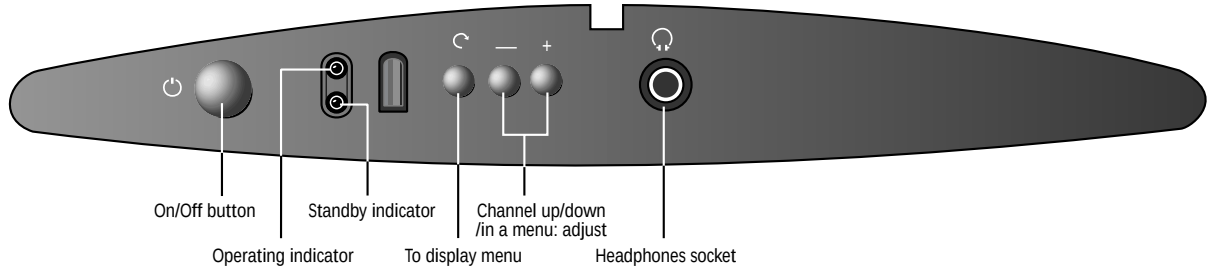
Cantus



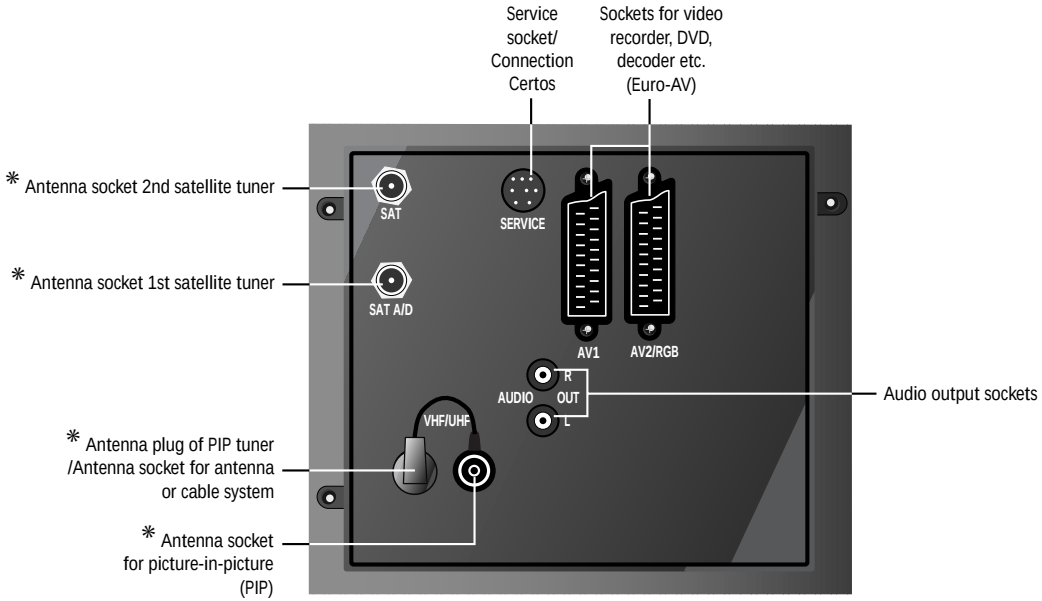
Profil 3572Z



Contur, Profil



Rear connections



* depending on equipment and type of set or retrofittable

Welcome

Thank you,

for choosing a Loewe product.
We are very happy to have you as a customer.

Loewe combines high quality in technology, design and user friendliness. This applies equally for TV, video and accessories.
Neither the technology nor the design are an end in themselves but serve to give our customers pure watching and listening enjoyment.
We have not allowed ourselves to be led astray by short-lived fashion trends in the design. You have, after all, purchased a high-quality piece of equipment which you don't want to get tired of looking at tomorrow or the day after .

About the set
We have designed the TV set in such a way that it is easy to operate with menus. If you need information about how to operate it, just display the info texts with the i button, you will soon get a grasp of the relationships.

You will find the answers to many technical questions in the index of your TV set. If it's a matter of operating the TV, you can access a function directly from the index. This saves you from having to read through detailed operating instructions and is the reason why this operating manual you are reading only explains the most important operating steps.

With the remote control, you can operate three Loewe units, this TV, a Loewe video recorder and a Loewe DVD player.

TV equipment

This operating manual describes the maximum equipment.
Functions marked by * are not available in all TV sets.
The illustrated menu contents may vary depending on the TV equipment.
You can find out what equipment your TV has in the main information – Technical spec. of TV set.

Setup and cleaning

Please note that the feet of the TV set could leave marks on soft wood furniture (e.g. deal, pine, fir etc.) due to the weight and moving the set about.
The plastic material of the feet contains softeners which could in some cases etch the surfaces of furniture.
In such cases you should place a firm underlay about the same size as the base of the TV set underneath it.

Please also read and observe the safety instructions on the following pages.

Make sure no bright light or sunlight falls on the screen and impairs the picture by reflections.

Clean the TV set only with a damp, soft, clean cloth (never use aggressive or abrasive cleaning agents).

For your own safety

For your own safety and in order to avoid unnecessarily damaging your TV set, please read and observe the following safety instructions:

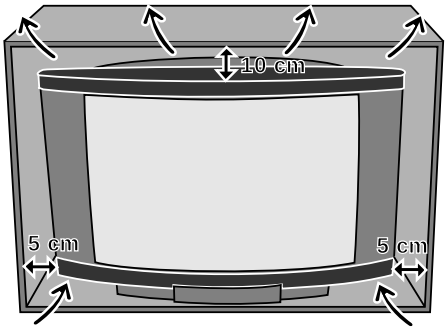
- This TV set is designed exclusively for receiving and reproducing audio and visual (AV) signals.

- It is designed for the home or office and may not be used in rooms with high humidity (e.g. bathroom, sauna) or a high concentration of dust (e.g. workshops). If the TV set is occasionally used outdoors, you should make sure that is protected from water (rain, splashing, dew). High moisture and dust concentrations produce creep currents in the set which can lead to danger of electric shock or fire.
  The manufacturer's warranty is only valid for use of the TV set in the specified permissible environment.

- This set may only be connected to a power supply with the voltage and frequency specified on the rating plate using the enclosed power cable. The wrong voltages can damage the set.

- If the set is moved from a cold environment to a warm room, condensation forms on all parts of the set. Moisture produces creep currents in the set which can cause a fire. In this case, you should leave the set for a reasonable time to acclimatize (when the condensation on the screen has evaporated) before switching it on.

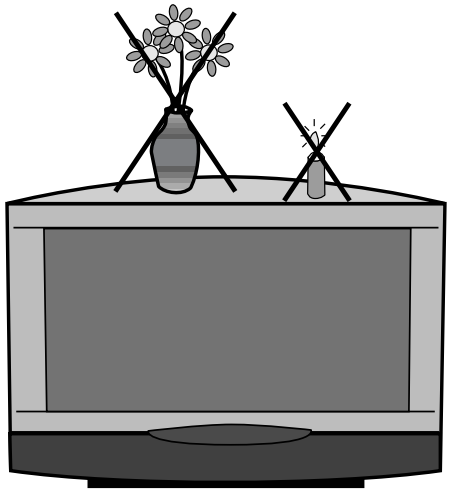
- Like every piece of electronic equipment, your TV needs air for cooling. Obstructing the air supply to the set can cause fires. The air vents on the back of the TV set must always be kept free. Do not leave newspapers or cloths lying on the TV set. The air supply is also impaired when the TV set is placed on a blanket or a thick pile carpet.



If the TV set is placed in a cabinet or on a shelf, at least 5 cm clearance at the sides and at least 10 cm at the top must be left to allow air to circulate.
Stand the TV set in a place where it is not exposed to direct sunlight or additional heating from radiators.

- Magnetic fields influence the picture quality of the TV set. Do not place loudspeakers or other magnetic sources immediately next to the TV set.

- Avoid dropping metal objects, needles, paper clips, liquids, wax or similar into the air vents at the back of the set. This causes short circuiting of the set and could start a fire. If anything should get inside the set, switch it off immediately, pull out the plug and call the after-sales service to check it.



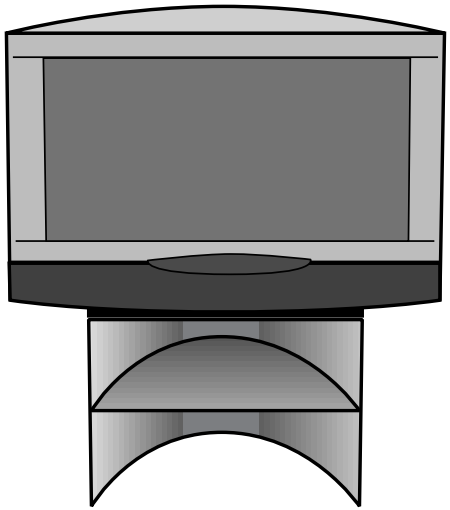
Do not place vases filled with water, lighted candles etc. on the top of the TV set.

For your own safety

- You should never attempt to remove the rear panel of the TV yourself. The set operates with high voltages which could be fatal. Leave repairs and servicing of your TV set to authorized TV technicians.

- Due to the picture tube, TV sets have their center of gravity fairly near to the front. The TV set therefore has a tendency to tip forward relatively easily which could cause injury to persons.
  Only stand the TV set on a level, firm base. The set must stand on all feet. The TV should not overhang particularly when it is placed in a cabinet or on a shelf.
  If the TV is placed on a stand, makes sure this is larger than the surface area of the base of the TV.

  When using turntables and drawer shelves, make sure they have a sufficient load capacity.



We recommend you to use only original parts, e.g. Loewe racks and stands.

If the TV set is placed on a console with castors, move the console carefully because the console and the TV could tip over. Consoles with castors may considerably reduce the stability of the sets placed on them so only use consoles specially designed and approved for the TV.
Never allow children to handle the TV set unsupervised.

Do not allow children to play close to the TV set, they could knock, push or pull it from the stand and injure someone.

- Do not place the TV anywhere where it may be exposed to vibrations because this can lead to overloading of materials.

- Do not leave the TV on unsupervised.

- Pull out the antenna and mains plugs during a thunderstorm. Surge voltages from lighting strikes can damage the set both through the antenna system and the mains. You should also pull out the antenna and mains plugs during long periods of absence.

- The mains plug of the TV must be easily accessible so that it can be disconnected from the mains quickly at any time.

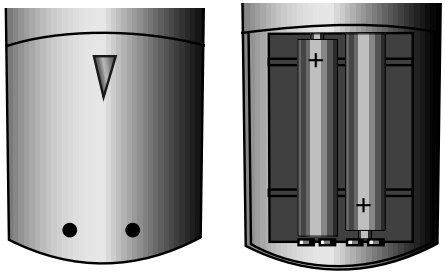
- Lay the power cable so that it cannot be damaged. The power cable may not be kinked or laid over sharp edges, and may not be walked over or exposed to chemicals; the latter applies for the entire TV set. A power cable with defective insulation can lead to electric shocks and is a fire risk.

- When you pull out the mains plug, do not tug the cable but hold the housing of the plug. The cables in the mains plug could be damaged and cause a short circuit the next time it is plugged in.

Initial installation

Batteries – Remote control

To insert or change the batteries, press the point marked by an embossed arrow. Push the cover of the battery compartment down and remove it. Insert the batteries of the alkaline manganese type LR 03 (AAA) with the correct polarity (+/–).



Then push the cover back on.

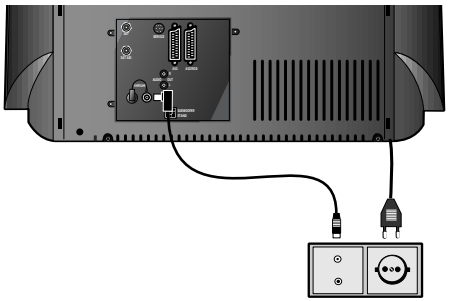
Note on disposal of batteries:

The original batteries do not contain any pollutants such as cadmium, lead and mercury. Used batteries do not belong in the domestic waste. They must be taken to the appropriate collection points according to the national laws. Ask your dealer.

Connection

Mains
Connect the TV set to a 230V/50–60 Hertz outlet.

Antennae
Connect your antenna or cable system to the VHF/UHF antenna socket.
If your TV is equipped with a picture-in-picture tuner (PIP), plug the antenna plug protruding from above the PIP antenna socket into the antenna socket for the VHF/UHF tuner. Plug the antenna plug of your antenna or cable system into the socket of the PIP tuner.
If your TV set is equipped with one or two satellite tuners, connect the SAT antennae to the SAT sockets (see figure on page 5).



Switching on

You will find the On/Off button of the TV, except in Cantus, behind the control panel cover. Open the control panel flap.

Press the On/Off button so that it snaps in.

Initial installation

Automatic programming of the TV set is started the first time you switch it on. Follow the menus.
First you have to select the menu language for your set. Then you specify which antenna you have connected to your TV and in what country you are using it. Then you start the station search. The TV searches for, stores and sorts all the stations which your antenna system receives. You then see a list of the stored stations in which you can mark your favorites. Then you log in your video recorders and connect them as shown in the wiring diagram.

Select the settings with the arrows on the ring ...

... confirm the settings with **OK**. You then move on to the next menu ...

... press this button if you want information about the settings.

You can repeat initial installation at any time, e.g. after moving house. Call the index in the main information (**i** button). Then select the item "Repeat initial installation". Then start "Initial installation" with **OK**.

Daily handling

Switching on/off

Your TV set is equipped with an eco-standby power supply unit. The power consumption drops to low power in standby mode. If you want to save even more energy, switch the set off with the On/Off switch. However, please note that EPG data are then lost and timer recordings programmed on the TV set will not be carried out.

If the TV is switched on, you can switch it off with the blue On/Off button on the remote control. The red standby LED on the set lights up. If the green LED also lights, a timer recording is programmed, EPG data is being acquired or radio mode without screen display is active.

From standby it is best to switch back on with the blue On/Off button or with a numeric key (station 0-9). The green operating LED then lights up.

When you switch on the TV with **OK,** you see the station table and can choose a station.

Switch on in the radio mode.

You will find the On/Off button of the TV, except in Cantus, behind the control panel cover.

None of the indicators lights up when you switch off the TV set with the On/Off button on the set.

Switch on the TV set with the On/Off button on the set when it is switched off.

Changing channels

Channels up/down (only favorite stations if these are shown in the station table).

With the numeric keys on the remote control

The set has a dynamic memory with 220/with DVB 1470 memory slots. If up to 9 stations are stored, you only need to enter one number, up to 99 two numbers, up to 999 three numbers and above 999 four numbers (please look in the station table to find out how many stations have been stored).

1-digit stations

Keep the button 0 – 9 pressed for one second, the channel then changes immediately.

or press the button 0 – 9 briefly, the channel then changes after 2 seconds (immediately when up to 9 stations are stored).

7

long

2-digit stations

Keep the second numeric key pressed for one second, the channel then changes immediately.

or press both numeric keys briefly, the channel then changes after 2 seconds (immediately when up to 99 stations are stored).

2 7

short long

3-digit stations

Keep the third numeric key pressed for one second, the channel then changes immediately.

or press the three numeric keys briefly, the channel then changes after 2 seconds (immediately when up to 999 stations are stored).

1 2 7

short short long

4-digit stations

Press the four numeric keys briefly, the channel then changes immediately.

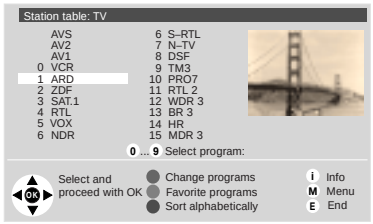
1 2 7 8

all short

Depending on how many stations have been stored, you can place one or more zeros in front of the number and select for example station 7 = 07 or 007 or 0007.

About the station table

Call the station table with **OK**



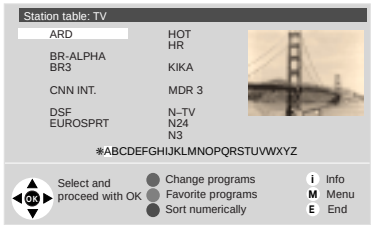
Mark the station (the marked station is shown in the PIP picture*)

or

Mark with numeric keys

Call the marked station

Sort alphabetically/numerically (blue button)



Display favorite stations only (yellow button)

Call Audio/Video programs – AV selection

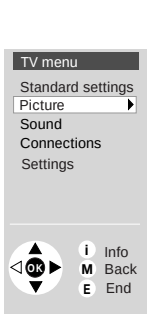
for playing AV equipment (see also page 19).

Select AV socket or VCR for VCR station.

Daily handling

General menu operation

With the TV and picture menus, we show you how to navigate within the menus. Which buttons you can use for operation is shown at the bottom of the appropriate menu.



M Launch the TV menu

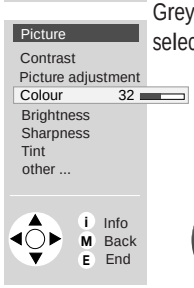
a topic (white field)

OK Launch the menu with **OK**

or

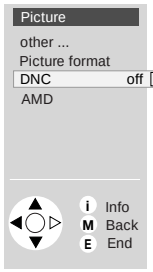
▻

Grey menu items cannot be selected



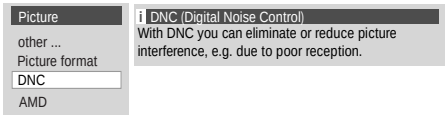
Set (setting value and bar)

Mark other menu items



Select (frame)

i Show/hide control bar



M Back to the previous menu level

E Hide all menus

Adjusting the sound

Adjusting the volume

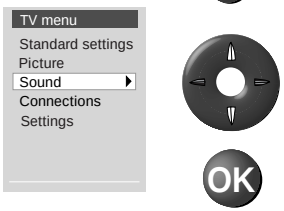
Adjust the volume

Mute

Sound off;
Sound on: press button again or adjust volume

Call sound menu

M Call TV menu

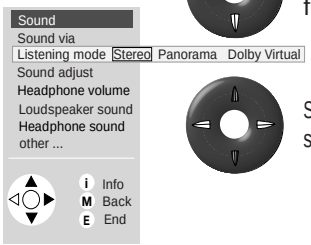


Mark "Sound"

OK Call sound functions

Select sound settings

Mark sound function

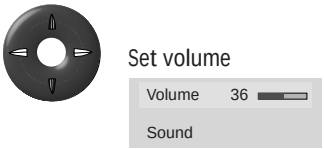


Set/ select

Set teletext volume

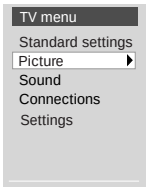
Sound off

Set volume



Adjusting the picture

Call the Picture menu

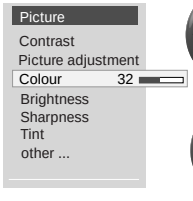


M Call the TV menu

Mark "Picture"

OK Call picture functions

Select picture settings



Mark picture function

Set/ select

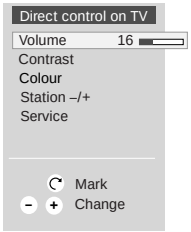
Operation on the TV set

Changing channels on the TV set

\+ Channel up

– Channel down

Volume, contrast and color



Press the function button until the desired function is marked

\+ More volume, contrast or color

– Less volume, contrast or color

Modes of operation

TV mode

In initial installation and daily operation, the TV set is in TV mode. This is also the case when none of the other modes of operation such as EPG, Teletext, PIP, Video or Radio is selected.
Every one of these modes of operation has a menu which you can call with the M-button and with some color button assignments.

Function of the color buttons in TV mode
You can assign the functions of the four color buttons yourself. The following functions are set at the factory:

red: list or call personal teletext pages

green: call picture format setting

yellow: call last viewed station

blue: call station info

You can assign other functions to the buttons in the TV menu "Settings" – "Function keys".

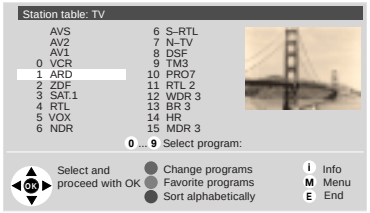
Status display

Show/hide status

Clock		20:15
1	ARD	Stereo

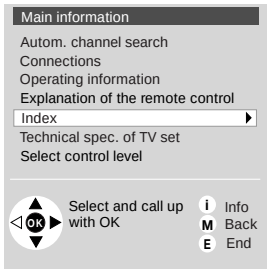
Station table

Show/hide table



Main information

Call main information



The **explanation of the remote control** shows the function of every button in different modes of operation of the TV set and the remote control.

The **index** answers many questions regarding all aspects of the TV. If it is a question about the operation, you have direct access to the operating function from the index.

Loewe TV sets are supplied in different models with different equipment. You can find out what equipment your TV has under the menu item "**Technical spec. of the TV set"**.

When you have made all the settings and connections, you can switch over to "**Simplified control**" using "**Select Mode**". Then the "Settings" and "Connections" can no longer be launched in all modes of operation menus. Switch "Simplified control" back off when you want to make settings.

TV menu

Call the TV menu

Standard settings
You can save the setting for picture and sound you have made in this menu and call them again later.

Connections
You will find information about this in the chapter "Logging in and connecting AV equipment" on page 18.

Some settings in the TV menu:

Child lock
Use the child lock if you want to prevent your children watching after a certain time, once or daily, all or certain programs.

On-screen displays
You can set the duration and position of the displays and define the content of the status display.

Timer functions
You can have your TV switch on and off at specific times or have yourself reminded by a signal tone.

Time and date
When you receive teletext, the TV records the right date and time settings. The time serves as information for timer recordings, timer functions and EPG. If you do not receive teletext you should set the date and time and not switch the TV off with the mains button as the settings will then be lost.

Language
If "your" menu language is not set, you have to select the "Language" menu in a language you cannot understand:
Press the M-button (TV menu), mark the last menu item (settings), press the **OK**-button and mark the last menu item (Language) under "other ...". and press the **OK** button.
Now select the right language and confirm with **OK**.

Modes of operation

Picture in Picture (PIP) *

You can display a small picture inside the TV picture.

Show/hide PIP picture

PIP picture as still frame

The frame around the PIP picture must be green. If it is not, press the green button.

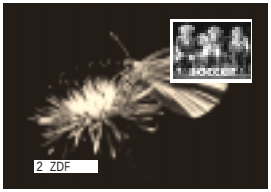
Press the red button to freeze the PIP picture.
Press again – moving picture.

Changing the station of the PIP picture

The frame around the PIP picture must be green. If not, press the green button.
Then select the station as normal.

Changing the station of the TV picture

The frame around the PIP picture must be white. If it is not, press the green button.
Then select the station as normal.

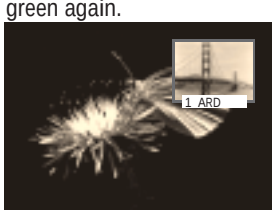


Station scan

The frame around the PIP picture must be green. If it is not, press the green button.

Start the station scan with the blue button. The PIP frame turns blue.

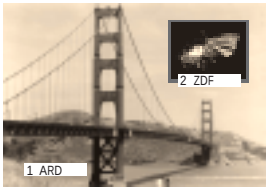
Stop the station scan with the blue button. The PIP frame turns green again.



Changing PIP picture/TV picture

The frame around the PIP picture must be green. If it is not, press the green button.

Change the pictures with the yellow button.



Position of the PIP picture

Call the PIP menu with the **M**-button.

Select the symbols for the position.

Modes of operation

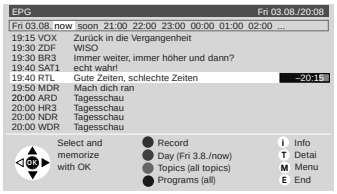
EPG mode

EPG is the electronic program guide for TV programs. With this system, you can easily find the stations that interest you (sorted according to time, day, topics and programs). You can memorize stations and station recordings.

A wizard is activated the first time you use EPG (not with DVB) which guides you through the necessary settings. Then run the data acquisition (see page 15).

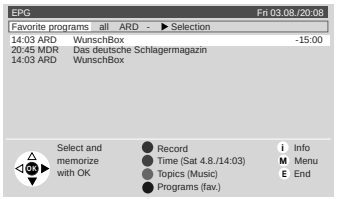
Using the EPG

Switch EPG on/off



The first line is framed initially in green.
The **green** frame stands for **time and date**, with the green button you switch between time and day or, if the frame has a different color, back to the green frame. With the arrow buttons ◅ ▻ you select: now, later, the time or day for starting stations. The list of stations below is updated accordingly. With the buttons ▽ △ you mark a station you want to watch (now running), memorize or record.

The frame turns yellow when you press the yellow button. The **yellow** frame means you can **select topics**. With the arrow buttons ◅ ▻ you choose between personal topics, all topics and the individual main topics such as Film, News, Show, Music etc. The list of stations below is updated accordingly. With the ▽ △ buttons, you mark a station you want to watch (currently running), memorize or record.



The frame turns blue when you press the blue button. The **blue** frame signifies **station selection**. Use the arrow buttons ◅ ▻ to choose between your favourite stations, all stations or the station just set. You can select another individual station by moving to Select with ▻, marking a station in the list and storing it with **OK**. The respective current settings you last made in the colour-framed first line are shown in addition to the operating notes for the green, yellow and blue buttons.

Direct input of time
You can also enter the time directly with the numeric keys of the keypad. After entering the first digit, the time is displayed first next to the symbol of the green button by asterisks and is then replaced by the entered numbers, e.g. 2100. If the entered time has already passed, its entry is used for the following day.

Watch a station or watch a memorized station or memorize a station
You memorize the station marked with the ▽ △ buttons by pressing the **OK**-button. The symbol + is placed in front of the title of the station. The TV switches over to this station when it starts.

Programming a VCR recording
You prepare the station marked with the ▽ △ buttons for recording by pressing the red button.

Calling detailed information
If detailed information about the selected station is available, you will see the **T**-button displayed additionally. You can call the detailed information with this button.

Other functions in the EPG menu:

List of memorized stations
You will find the stations you have memorized in a list, also DVB radio stations.

Switch on TV at memo
You can have the TV switched on automatically from standby at the time of the memorized station. If you are not in at the time, a safety prompt makes sure the TV switches off again after 5 minutes.

Indicate/start memorized station
If the TV is already on when the memorized station starts you can have the start of the station indicated or the TV switched over immediately.

Short info lines
Short infos are broadcast for many programs. Set how many lines this information should have or switch the short info lines off.

EPG entry
If you want to start EPG operation, you can retain your last settings for topic and program selection or start with all topics and all programs.

Modes of operation

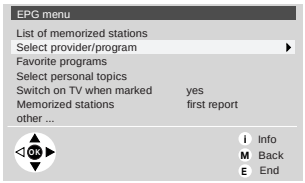
EPG settings

If you want to change the provider or want to have other programs evaluated, you can do this in the EPG menu.

Provider search

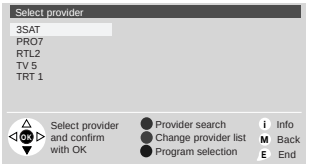
EPG on/off

Call EPG menu



Mark "Provider/Select station"

Call



Start provider search (green button). This may take some time.

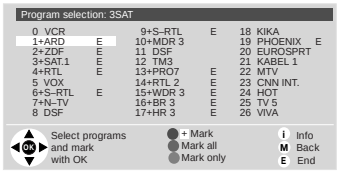
Mark the provider

Save the provider

This is followed by a station search and a list of TV stations is displayed which transmit data. Move on to the provider selection with the **OK**-button. If the stations offered are what you want, move on to the station selection with the blue button.

Selecting stations for EPG

Select the stations here for which information is to be collected.



Stations marked by + are favorite stations. The provider supplies information for stations marked by E (terrestrial, cable and analog satellites) and D (digital), these are already marked (blue letters).

Mark the station/Remove the marking

red: Only mark favorite stations

green: Mark all stations

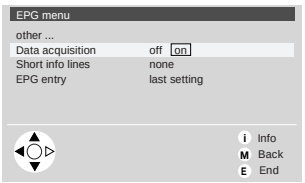
yellow: Only mark this station

Back to the EPG menu

Switching data acquisition on/off

Mark "Data acquisition" in the EPG menu under "other"

Select data acquisition off/on



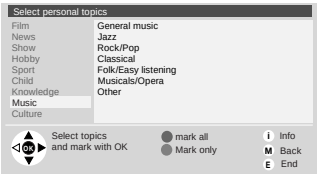
If, for example, you cannot receive any EPG providers and no DVB is installed in the TV set, you should switch off the data acquisition.

Performing data acquisition

The data must be collected first after these settings or every time the TV is switched off. To do this, select the program which you have defined as a provider and leave it switched on for about one hour or switch the TV set to standby mode. The green LED lights up in addition to the red LED after about two minutes. Data acquisition takes about one hour, in sets with a DVB module a little longer. The data are automatically collected between 2 and 5 in the morning when the TV is switched off to standby.

Defining personal topics

You will find the programs that interest you faster when you define your personal topics. Mark "Select personal topics" in the EPG menu and put together your list of personal topics.



Radio mode

You can switch the radio mode on and off with the button. If at least one satellite tuner and possibly a DVB module are installed in your TV set, you will be able to receive radio stations. If none of these additional modules is installed, you can only select the audio inputs and play back through these with the station table or the ▽ △ buttons.

Modes of operation

Teletext mode

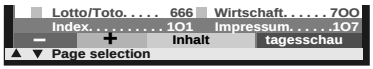
Teletext transmits information such as News, Weather, Sport, Program Previews and Subtitles.

T — Teletext on/off

Many stations use the TOP operating system, some use FLOF. Your TV supports both these systems. The pages are divided into general topics and topics. After switching on the teletext, up to 300 pages are stored for fast access.

Selecting pages with the colored buttons

The colored bars (in TOP) or the colored writing (in FLOF) show you which colored buttons to use to scroll to general topics and topics.



red: back to previously viewed page (not with FLOF)

green: forward to next page (not with FLOF)

yellow: to the next topic (only in TOP and FLOF)

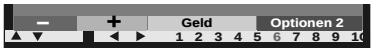
blue: to the next topic (only in TOP and FLOF)

Other functions for selecting pages

Mark a specified page number on the page (Page Catching)

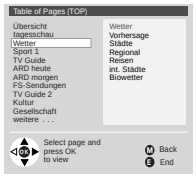
OK — Call

Scrolling in stored sub-pages. In the bottom line you will see which sub-pages you can already call.



i — Call contents page 100

The TOP table is a general list of teletext. You can only call the table on stations which use the TOP operating system.



OK — Call the TOP table

Mark a general topic

Select the Topics column

Mark a topic

OK — Display page

1 0 7 — Enter the page number directly

Displaying Teletext pages

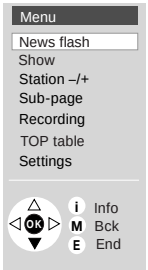
0 — Stop self-turning pages (HOLD)

9 — zoom: top half– bottom half – normal size

TV picture on/off (Split text)

Teletext menu

M — Display teletext menu



Here you will find functions such as "New message", "Reveal" hidden information, switch to other stations (if another tuner is available), enter 4-digit sub-page number directly and program video timer recordings via teletext. In the settings you will find menus to define the preview pages, subtitle pages and personal teletext pages.

Adjusting the volume

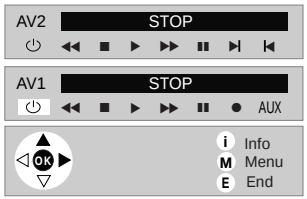
You can adjust the volume in teletext mode after pressing the sound off/on button .

Modes of operation

Video mode

You can operate Loewe video recorders and DVD players with the video control bars even if they are hidden. The VCR's must be connected to the Euro AV sockets (Scart) and logged in under the "Connections" menu.
Digital Link must be switched on on the Loewe video recorder. Only then can you use the control bar. You also need Digital Link for timer recordings of satellite programs controlled by the TV set.
You can display up to two control bars but they are only displayed by logged in VCR's and DVD players.

V= Show/hide video control bar



Select the video control bar if several VCR's or a DVD player and a VCR are connected.

Select function

Switch VCR/DVD on/off

AUX Select video input (Euro-AV socket) for the VCR

◀◀ Rewind (only for VCR) or Scan in rewind

■ Stop (STOP)

▶ Playback (PLAY)

▶▶ Fast forward (only for VCR) or Scan in fast forward

❚❚ Pause (PAUSE)

▶❚ Next chapter (only for DVD)

❚◀ Previous chapter (only for DVD)

● Record (only for VCR)

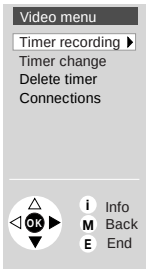
OK Perform selected function.

When you start a recording, the program you have just selected is recorded. You cannot switch over to another channel, it is locked. You can only switch over when the recording has finished.
Exceptions:

1. You have installed several tuners (not PIP tuners) in the TV set, then you can watch another channel with the second tuner.
2. You can also watch the signal via an AV connection (e.g. DVD player or a second VCR).
3. In a VCR with Digital Link Plus the VCR tuner is used for the recording (not for satellite programs).

Video menu

M Show the Video menu



The Video menu provides you with options for timer programming by EPG, teletext or manually. You can also change or delete timer data.
In the "Connections" menu you can log other AV equipment on or off and make a "Digital Link Plus data transfer. This serves to transfer the transmitter data of the TV set (not satellite stations) to the Digital Link Plus VCR.

Digital Link Plus VCRs have the possibility for transferring the station data from the TV set to the VCR via the Euro-AV cable (not for satellite stations). Every time you change the station memory of the TV, you are asked whether you want to make a data transfer.
The receiver unit of the VCR is always used for recording with a **Digital Link Plus** video recorder (not satellite stations) and the tuner of the TV set is available for watching TV.

Loewe VCRs also have **Digital Link**, a system for controlling Loewe VCRs via the Euro-AV cable. The TV tuner is used for recording here. If you have installed your Loewe VCR in a concealed place, you can operate the Loewe VCR with the remote control. Operation with the control bar also works with Digital Link.

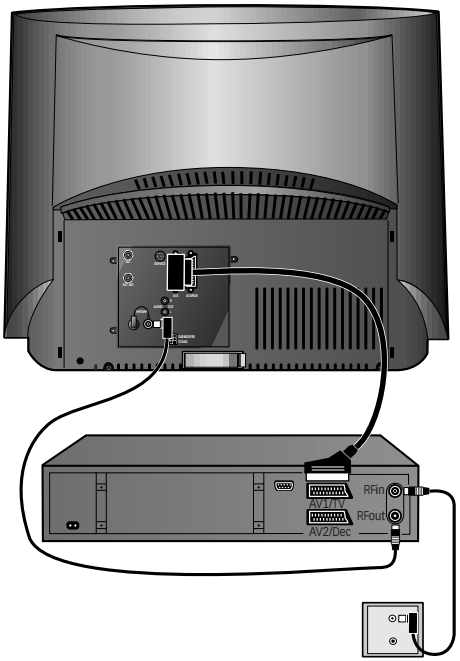
Digital Link must be switched on on the video recorder.

Only use fully wired Euro-AV cables, otherwise Digital Link or Digital Link Plus will not work.

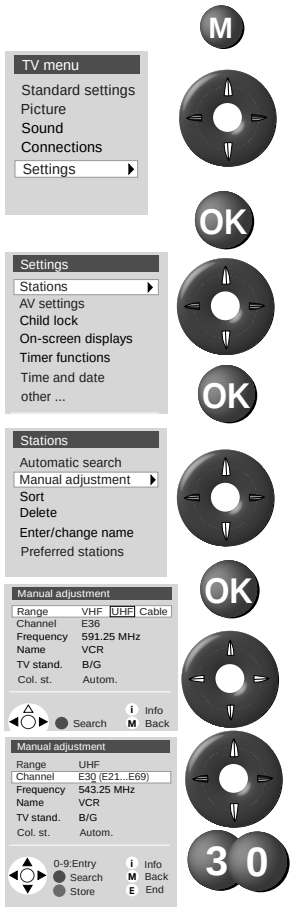
Operating additional equipment

Logging in AV equipment
You have already logged in and connected all the connected videos with the connection wizard in initial installation. If you now want to connect additional or different equipment, you have to launch the connection wizard in the TV menu "Connections".

Connecting VCR equipment
In addition to the connection via the Euro-AV socket, you also have to connect the antenna (only for antenna or cable systems) through the VCR to the TV set. The antenna signal is then available both to the tuner in the VCR and the TV tuner.



Search for and store the VCR station (if there is no Euro AV cable)
Switch on the test station on the VCR or insert a recorded tape and start playback.
Then call program 0 on the TV set (set ex-factory to channel 36). Select the first menu item (VCR) in the AV selection list.
To prevent "normal" TV stations being found in the search, pull out the antenna plug from the antenna input of the VCR temporarily (the plug attached to the cable to the antenna system).



Call the TV menu

Mark "Settings"

Call

Mark "Stations"

Call

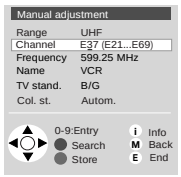
Mark "Manual setting"

Call

Mark "Range" and Select "UHF"

Mark "Channel"

Enter channel 30

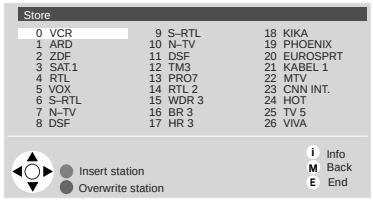


Search for channel (blue button)

When the station is found:

Store (red button)

A list of the stored stations is displayed



Overwrite program (program 0 marked)

Hide menus

Plug the antenna plug back into the VCR.
If you now get interference because a TV station is transmitting on the same channel as the VCR station, you have to change the transmitting station on the VCR (see operating instructions of the VCR) and search for the VCR station on the TV again.

Operating additional equipment

Video playback

In order to see the VCR picture on your TV and hear its sound you have several possibilities:

1. You can use the Euro-AV sockets on the TV set and on the VCR. This is the best option of all – good picture and sound quality.
   If you are playing back from a VCR with Digital Link Plus, the VCR picture is shown on the current station slot.
   If you are playing back from a standard VCR, DVD player or camcorder, select the AV socket to which the video signal is connected in the AV selection list or the station table.
   Video recorders emit a switching voltage during playback which the TV set can decode (can be activated for every VCR in the connection wizard). Then the VCR picture is shown on the current station slot as in Digital Link Plus VCR's.
2. You use the antenna connection between the VCR and the TV set. The sound is only broadcast in mono. To do this, select the first menu item, e.g. VCR, in the AV selection list.

Calling an AV program in the AV selection list

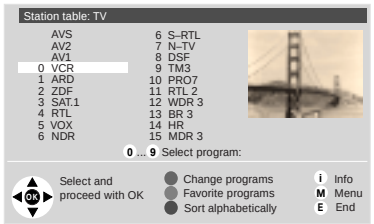
Call AV selection list

Select AV socket or VCR for VCR transmitter.

Now you will see the playback from the connected AV unit.

Calling an AV in the station table

Call the station table



In the numeric sorting you will always find the AV sockets at the top of the list without station numbers.

Mark the AV socket

Now you will see the playback from the connected AV unit.

Operating additional equipment

Operating Loewe video recorders and Loewe DVD players directly

You can switch over the remote control of the TV set to operate Loewe video recorders and Loewe DVD players. These devices can be operated directly or, in the case of equipment installed in a concealed place, by the TV set. In this case the Digital Link function of the VCR must be switched on.

Select the device to be operated:

for VCR:
the VTR indicator on the remote control lights up ...

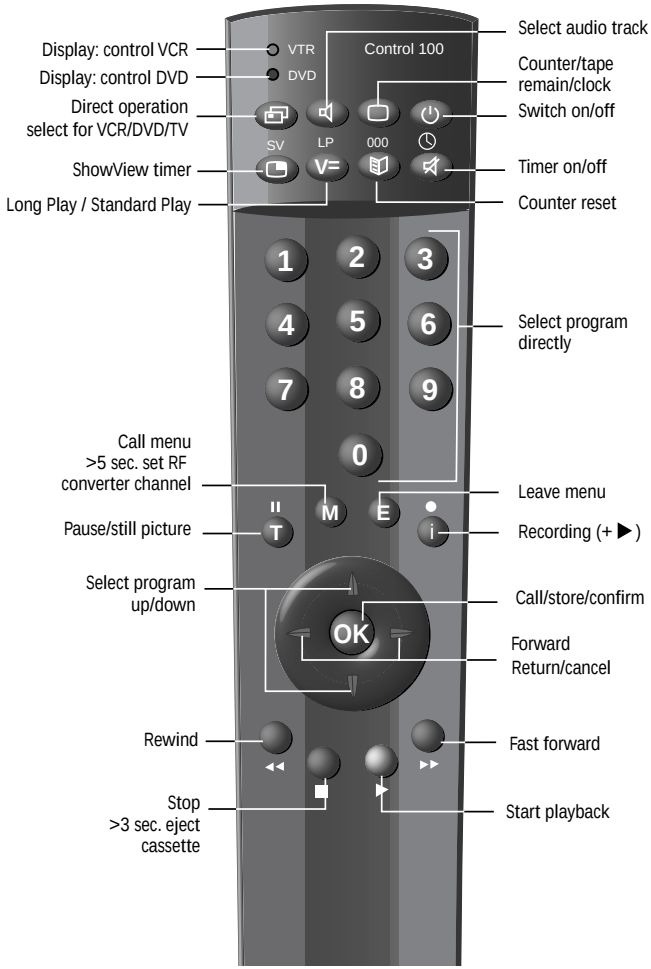
press again, the DVD indicator lights up ...

press again, none of the indicators lights, the TV is then activated.

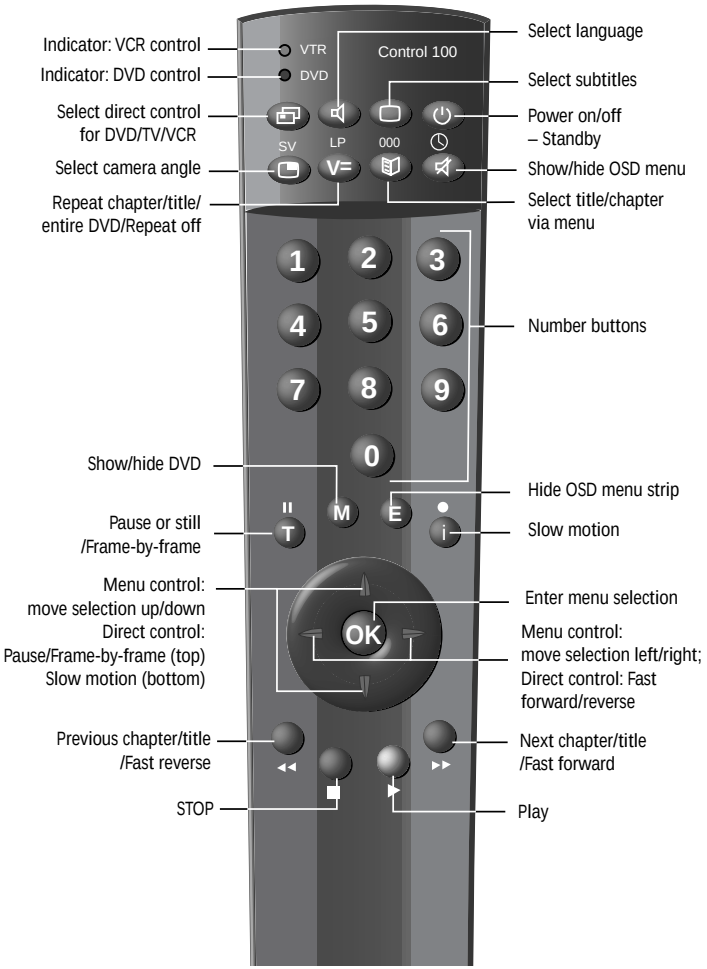
The TV cannot be operated if VTR or DVD is switched on. In this case switch back to TV or wait 20 seconds until the remote control automatically switches back to TV mode (none of the indicators lights).

Loewe VCRs VV3600H, VV8500H and VV5000M cannot be controlled with this remote control. Please use the original remote control or the video bar.

Functions for Loewe video recorders



Functions for Loewe DVD players



What to do when ...

Problem	Possible cause	Remedy
Various menu items cannot be called (shown in gray) or the menus for the EPG and teletext modes of operation cannot be called	"Simplified control" activated in main information	Deactivate "Simplified control" in the main information. Press the i-button, select "Select control level" and call with **OK**. Set the "Simplified control" to "no".
Timer recording, Change timer and Clear timer are not shown in the Video menu	No video recorder logged in	Log in VCR in the TV menu – Connections.
"Connections" cannot be called in the Video menu (shown in gray)	a) A timer recording is currently in progress b) You are recording from the TV set with the video bar	a) Wait until the timer recording has ended or clear the timer. b) Wait until you stop recording.
The "Stations" item in the TV menu and the "Automatic station search" item in the main information cannot be called	The child lock is activated. If these menus were accessible, children could still set the programs.	Deactivate program-related child lock: Switch off child lock or enter PIN in the TV menu - Settings.
Control of the Loewe VCR with the video control bar and the timer does not work or does not work properly	a) The VCR's Digital Link function is not activated or not possible b) Euro-AV cable not connected c) Video recorder not logged in	a) Activate Digital Link in the VCR (see operating instructions of the VCR) b) Connect the Euro-AV cable c) Log in the VCR
General problems with connecting external devices through an AV input	a) The device is not logged in in the "Connections" menu or is connected differently to shown in the connection diagram b) The AV norm is set incorrectly c) The AV signal is set incorrectly	a) Compare the connection diagram with the actual installation in the "Main information" under "Connections" and connect as shown if necessary. b) Set the correct norm. c) Set the correct AV signal. If "Automatic" is set for AV norm or AV signal, this can lead to wrong detection in the case of non-standardized signals. In this case the norm and signal must be set according to the operating instructions of the external device.
Picture shifted horizontally	The TV set is in the Southern hemisphere (e.g. Australia, South Africa)	Set the horizontal position: 1. Call the main information with **i** 2. Call Index – Set picture – Horizontal displacement 3. Set horizontal picture position.

What to do when ...

Problem	Possible cause	Remedy
Connection of a decoder does not work or does not work properly	a) The signal is not decoded because the correct decoder programs have not been selected in the TV menu - Connections b) The sound is missing in decoder mode because the wrong decoder sound is allocated in the TV menu - Connections	a) Follow the instructions in the TV menu – Connections again and select the appropriate decoder programs. b) Follow the instructions in the TV menu – Connections again and select the right sound source (decoder, TV or Autom.), see instructions of the decoder.
No sound through the TV loudspeakers	The item "Sound from..." in the Sound menu under "Sound" is not set to "TV"	Change the setting to "TV".
All menus appear in the wrong language	The wrong menu language has been set	Set your menu language: 1. Switch off picture-in-picture (PIP)* and switch off all on-screen displays, press the **E** button 2. Call the TV menu, press the **M** button 3. Select the last menu item and press **OK** 4. Select the last menu item on the last page and press the **OK** button 5. Now select the right language and 6. ... confirm with **OK**.
Digital Link Plus does not work	a) The VCR has not been logged in as a Digital Link Plus device or has been connected to the wrong socket b) The Euro-AV cable is not fully wired (Pin 10 not wired) c) Some video recorders can only take over the stations from the TV in initial installation d) All or some terrestrial or cable stations are stored at station slots ≥ 99	a) Log in the Digital Link Plus VCR under "Connections" and connect according to the diagram. b) Change the Euro-AV cable c) Reinstate the original state (ex-factory) of the VCR (see operating instructions of the VCR) d) Sort the terrestrial and cable stations so that they are between 1 and 99.
Various characters are displayed incorrectly in teletext	The wrong character set is set in the teletext menu	Set the right character set: Teletext menu – Settings – Character set – Standard or the appropriate character set.

Technical data

Mechanical data

Type	Cantus 3870 ZW	Cantus 3872 Z(P)	Contur 1663 Z	Contur 1670 Z		
Part number	61461	61460	61421	61424		
Dimensions (cm)						
B x H x D	81,0 x 50,5 x 52,5	81,0 x 58,0 x 49,5	72,5 x 52,0 x 43,0	80 x 55,9 x 46,4		
Weight (kg)	34,5	40,5	27	40		
TV tube	Super Flat-Line	Super Flat-Line	Blackl Standard	Black Standard		
Format	16:9	4:3	4:3	4:3		
Screen class	70, visible 65 cm	72,visible 68 cm	63, visible 59 cm	70, visible 65 cm		

Type	Profil 3563 Z	Profil 3570 Z	Profil 3572 Z(P)			
Part number	61486	61487	61488			
Dimensions (cm)						
B x H x D	72,5 x 52 x 43	80 x 57,5 x 48,5	80 x 57,5 x 48,5			
Weight (kg)	30	34	38,5			
TV tube	Black Marix	Blackline S	Super Flat-Line			
Format	4:3	4:3	4:3			
Screen class	63, visible 59 cm	70, visible 65 cm	72, visible 68 cm			

Electrical data

Chassis name	Media Plus (Q2500/B)
Image refresh frequency	PAL/Secam 100 Hz
	*PAL 60/NTSC 120 Hz
Full Digital 100	AMD*/DNC
Power supply	220V up to 240V/50–60Hz
Power consumption	in operation approx.145 Watt
	Standby <2.5 Watt
	Sat-Record-Mode <60 Watt
Ambient temperature	5º – 40º Celsius
Tuner VHF/UHF/ cable	
(Hyperband 8 MHz)	42 MHz – 860 MHz
Station memory*	220/with DVB:1470
TV norms*	B/G, I, DK, L, L', M, N
Color norms*	PAL, SECAM,
	NTSC, NTSC 4,43
Sound norm*	FM, AM, Nicam
	mono/stereo/2-sound
Audio rated output	2 x 15 Watt / 4 Ohm
Audio music output	2 x 20 Watt / 4 Ohm
Teletext	HiText (Level 2.5)

Connections

Mini-DIN (Front)*	Video IN	S-VHS / Hi 8
Cinch (Front)*	Video IN	VHS / 8 mm
Cinch (Front)*	Audio IN	L + R
Jack 6.3mm (Front)	headphones	32–200 Ohm
IEC socket 75 Ohm		antenna / cable
AV 1	Video IN/OUT	S-VHS / Hi8
	Video IN/OUT	VHS / 8 mm
	Audio IN/OUT	L + R
AV 2	Video IN/OUT**	S-VHS / Hi8
	Video IN/OUT	VHS / 8 mm
	Video IN	RGB
	Audio IN/OUT	L + R
Cinch	Audio OUT	level adjustable/fixed
Mini-DIN 8-pole		Service and AHS

* depending on equipment and type of set

** OUT only in Digital Link Plus video recorders

Accessories available

Racks

Ask your dealer, he will be able to offer you the right rack from the Loewe range to suit your TV set.

Single-/Twin-Sat-Tuner and Digital TV module

Your TV set can be retrofitted with the integrated satellite tuner 6 and the TV Digital Module. This allows reception of analog and digital satellite programs.

Service addresses

Australia
International Dynamics Australasia Pty Ltd.
129 Palmer Street
AUS - Richmond, Victoria 3121
Tel. 03–94 29 08 22
Fax 03–94 29 08 33

Austria
Robert Bosch AG
Postfach 146
A–1011 Wien
Tel 01–79 72 24 500
Fax 01–79 72 24 599

Benelux
Loewe Opta Benelux NV/SA
Lt. Lippenslaan, 54B
B–2140 Antwerp
Tel. 0902–88 00 2
Fax 030–280 33 27

Loewe Opta Nederland B.V.
Ravenswade, 54A1
NL–3439 LD Nieuwegein (Utrecht)
Tel. 0900–280 33 27
Fax 030–803 327

CIS
Service Center Loewe
ul. Verkhnyaya Maslovka, d. 29
RUS–125083 Moscow
Tel. 095–212 50 43, 956 67 64
Fax 095–212 47 10

Cyprus
Pangratis Liveras & Son Ltd
P.O. Box 3426
Liveras Building
7 Ajax Street Saint Omologite
CY–Nicosia
Tel. 02–66 34 96
Fax 02–66 42 12, 66 79 36

A. Sedat & Sons Ltd
16-18-20 Muftu Ziyai St.
Lefkosa, Via Mersin 10
Turkey
Tel. 0392–22 73 750
Fax 0392–22 85 739

Czech Republic
TIPA Spol. sr.o.
Dolí námestí 9
CZ–74601 Opava
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Fax 0653–62 31 47

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Semi-Tech Consumer
Electronics (Denmark) A/S
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Fax 43 59 77 00

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Tel. 03–88 79 72 50
Fax 03–88 79 72 59

Germany
Loewe Opta GmbH
Kundendienst Zentrale
Indurstriestraße 11
D–96317 Kronach
Tel. 09261–990
Fax 09261–95411

Great Britain
Linn Products Limited
PO Box 8465
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Fax 01292–47 15 54

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Kleanthous Str. 10
GR–54642 Thessaloniki
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Fax 031–856 300

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Epitok utja 2–4
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Fax 023–415 182

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Via Vittorio Emanuele, 33
I–50041 Calenzano (FI)
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Fax 055–88 11 74 0

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Mirage Holdings Ltd
Flamingo Complex
Cannon Road
M–Qormi
Tel. 49 71 82
Fax 44 59 83

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CableCom AS
Bekkevn, 9
N–3218 Sandefjord
Tel. 033–48 33 48
Fax 033–48 33 33

Poland
PPHU PAROS Sp. z o. o.
ul. Ustronie 1–3
PL–50-302 Wroclaw
Tel. 071–322 20 14, 322 20 17
Fax 071–322 10 61

Portugal
Videoacustica
Comercio e Representacoes de
Equipamentos Electronicos S.A.
Estrada Circunvalacao
Apartado 3127
P–1301-902 Lisboa Codex
Tel. 021–417 00 04
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Fridkullagatan 23
S–41262 Göteborg
Tel. 031–81 14 86
Fax 031–812 77 70

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Telion AG
Rütistrasse 26
CH-8952 Schlieren
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Fax 01–730 15 02

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